



PATENT ABSTRACTS OF JAPAN

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(54) IMIDAZO-HETEROCYCLIC COMPOUND

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(57) Abstract:

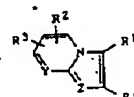
NEW MATERIAL: The compound of formula I [R^1 is H, amino or alkyl; R^2 is H, alkyl, alkoxy, halogen, OH or piperazin-1-yl; R^3 is H or alkyl; R^4 is pyridyl or group of formula II (R^5 is alkoxy, nitro, ureido, etc.; R^6 is H, NO_2 , amino, OH, alkoxy, etc.; R^7 is H or halogen); Y is N or CR^8 (R^8 is H, alkoxy, etc.); Z is N or group of formula III (R^9 is alkyl; J is acid residue)] and its salt.

EXAMPLE:

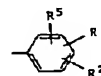
3,7-Dimethyl-2-(4-methoxy-3-nitrophenyl)imidazo[1,2-a]-pyridine.

USE: It has antitumor activity and antithrombotic activity, and is useful for the remedy of ulcer, thrombosis, etc.

PREPARATION: The compound of formula I wherein Z is N or its salt can be prepared e.g. by reacting the compound of formula IV (X is eliminable group) or its salt with the compound of formula V or its salt.



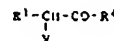
I



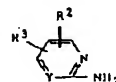
II



III



IV



V